

## UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hardayal Singh Gill                      Docket No:      HSJ9-2003-0235US1  
Serial No:      New Patent Application              Group Art Unit: Unassigned  
Filed:           Herewith                              Examiner:      Unassigned  
For:              **"IMPROVED STABILIZATION STRUCTURE FOR CPP GMR/TV"**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT


Applicant submits herewith the references listed on the attached form PTO-1449 of which Applicant is aware which are believed to be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), nor as an admission that the information cited is, or is considered to be, material to patentability, nor an admission that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Respectfully submitted,

DATE: January 20, 2004

  
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## CERTIFICATE OF MAILING (37 CFR 1.10(A))

CERTIFICATE OF MAILING BY "EXPRESS MAIL" - Rule 10: I hereby certify that this correspondence is being deposited with the U. S. Postal Service "Express Mail Post Office to Addressee" under 37 CFR 1.10 as Express Mail No. EV326958662US addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 20, 2004 by Patricia Beilmann.

Date: January 20, 2004



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY DOCKET NO.	SERIAL NO.
	HSJ9-2003-0235US1	Unassigned
	APPLICANT Hardayal Singh Gill	
	FILING DATE	GROUP
	Herewith	Unassigned

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,313,973	11/6/2001	Fuke	360	324.1	
	AB	US 2002/0044398 A1	4/18/2002	Sasaki et al.	360	324.12	
	AC	US 2002/0055016 A1	5/9/2002	Hiramoto et al.	428	692	
	AD	6,490,140	12/3/2002	Mao et al	360	324.11	
	AE	US 2003/0049389 A1	3/13/2003	Tsunekawa et al.	427	569	
	AF	6,574,079	6/3/2003	Sun et al.	360	324.2	
	AG	US 2003/0161077	8/28/2003	Kawawake et al.	360	324.1	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION YES NO
	AH							
	AI							
	AJ							
	AK							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AL		"GMR Enhancement in Hybrid Spin Valves for CIP Geometries", Denis O'Donnell, Diedre O'Neill, Alan B Johnston, Intermag Europe 2002 BP MR-Based Heads I, BP17
	AM		

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	